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Title: Apparatus and Method for Distributed Control of Media Dissemination

Inventor(s): Jeffrey A. Simyon

Appln. No. 10/665,096

Docket #: 72449-016

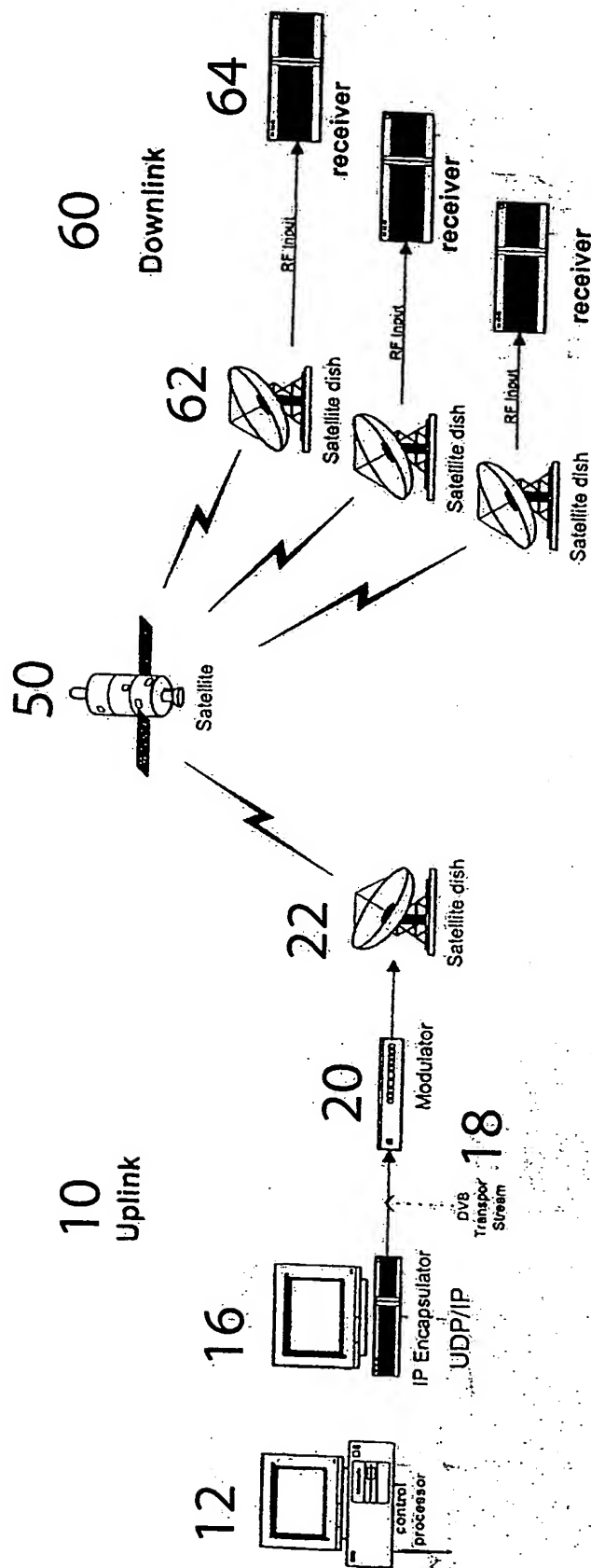


Fig. 1



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Appln. No. 10/665,096

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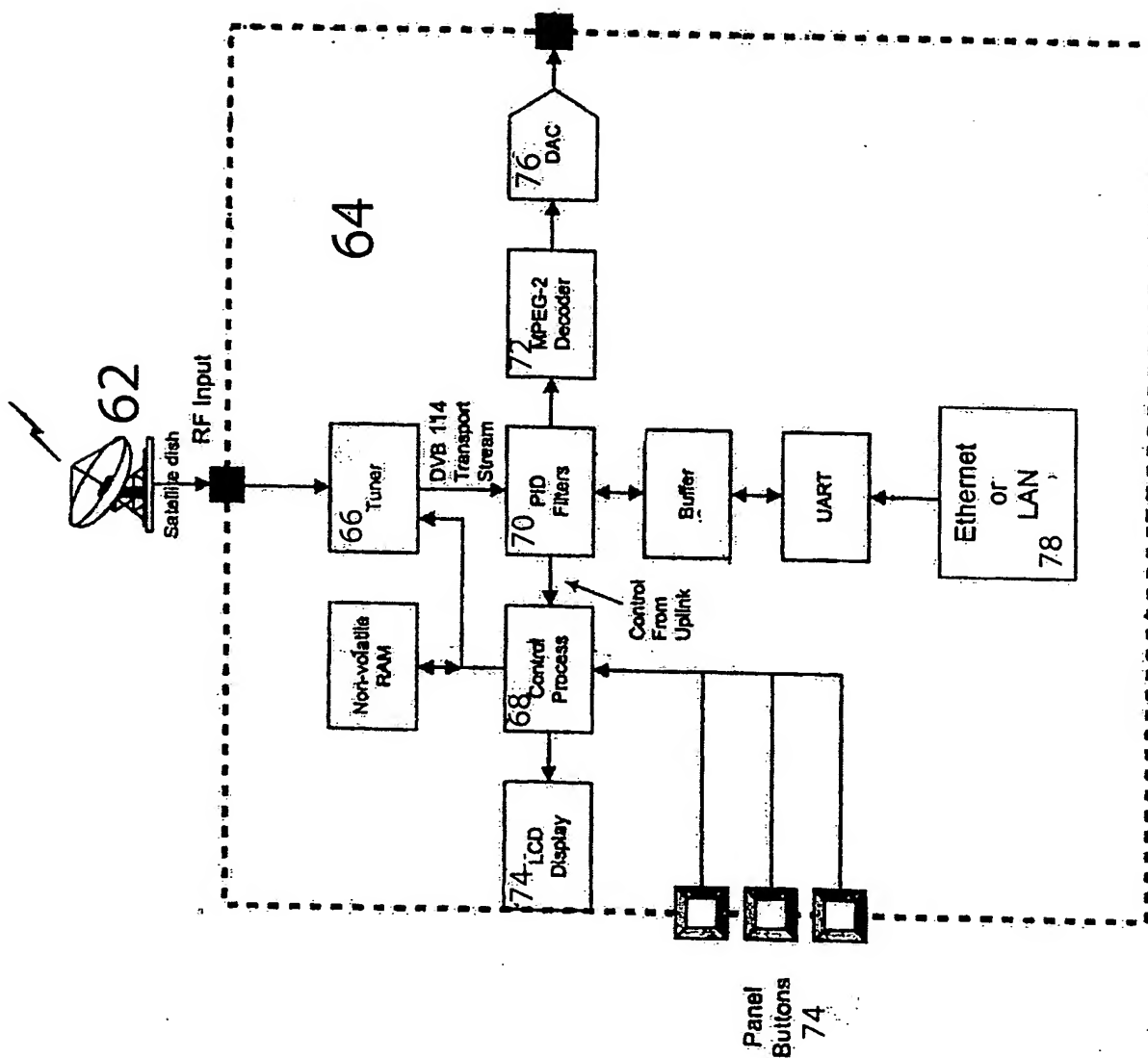


Fig.2



Distributed Control System

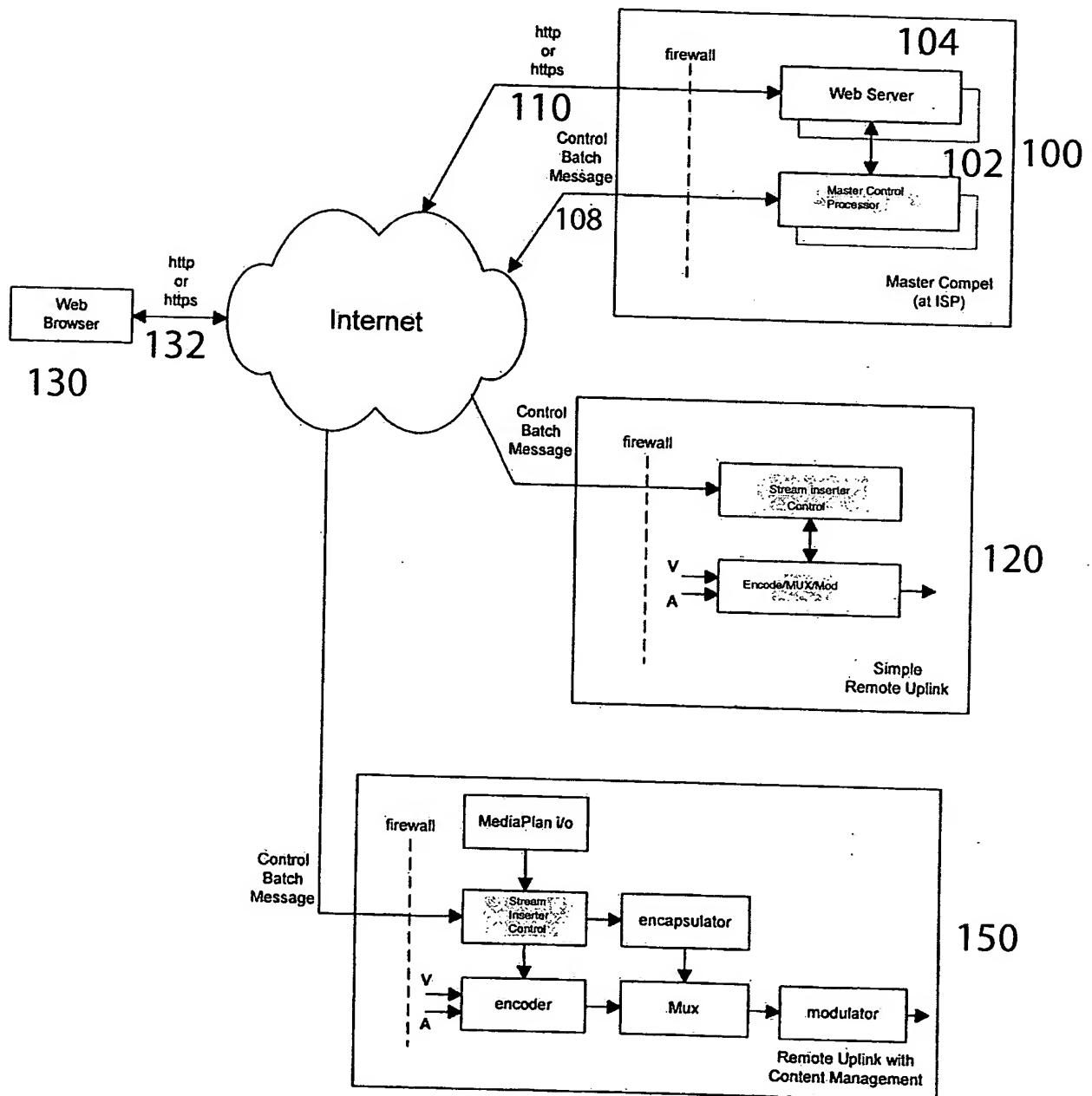


Fig. 3



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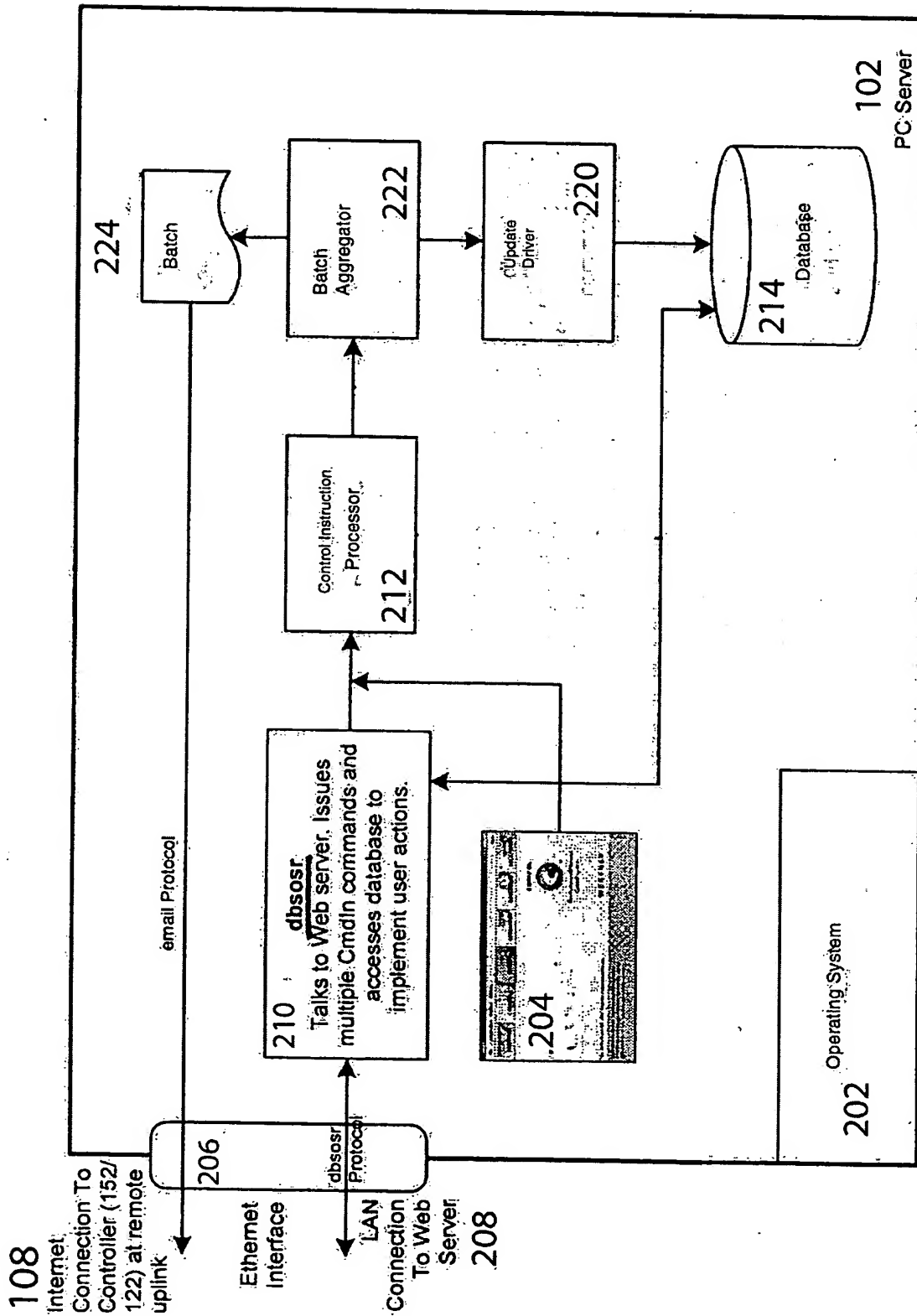


Fig.4



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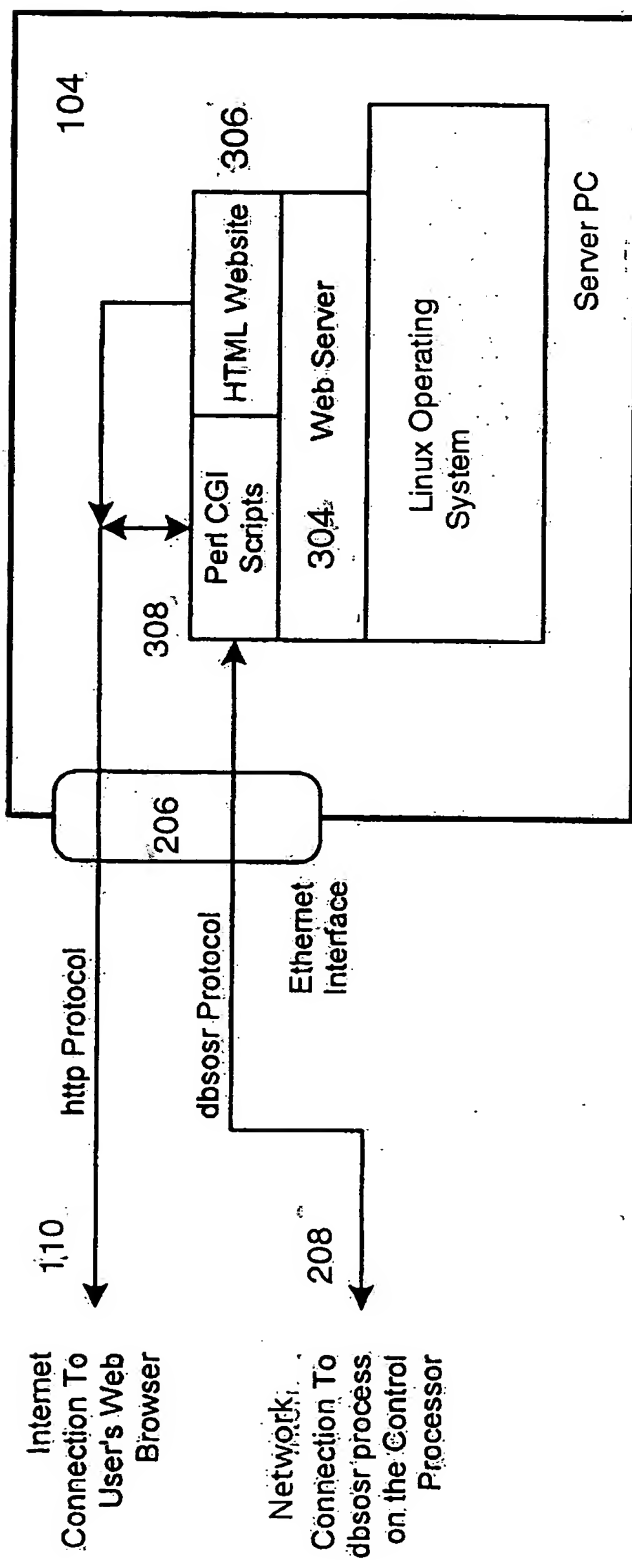


Fig. 5



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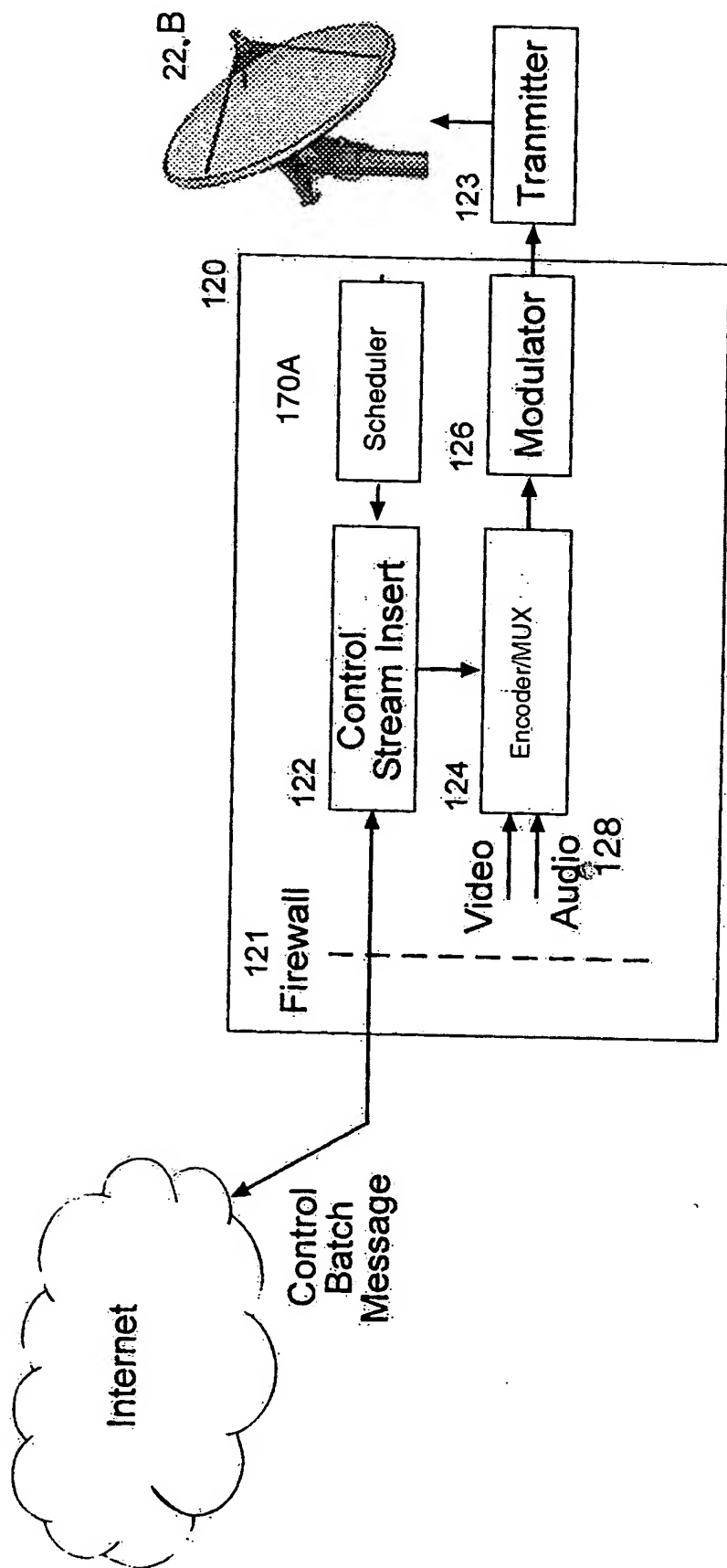


Fig. 6



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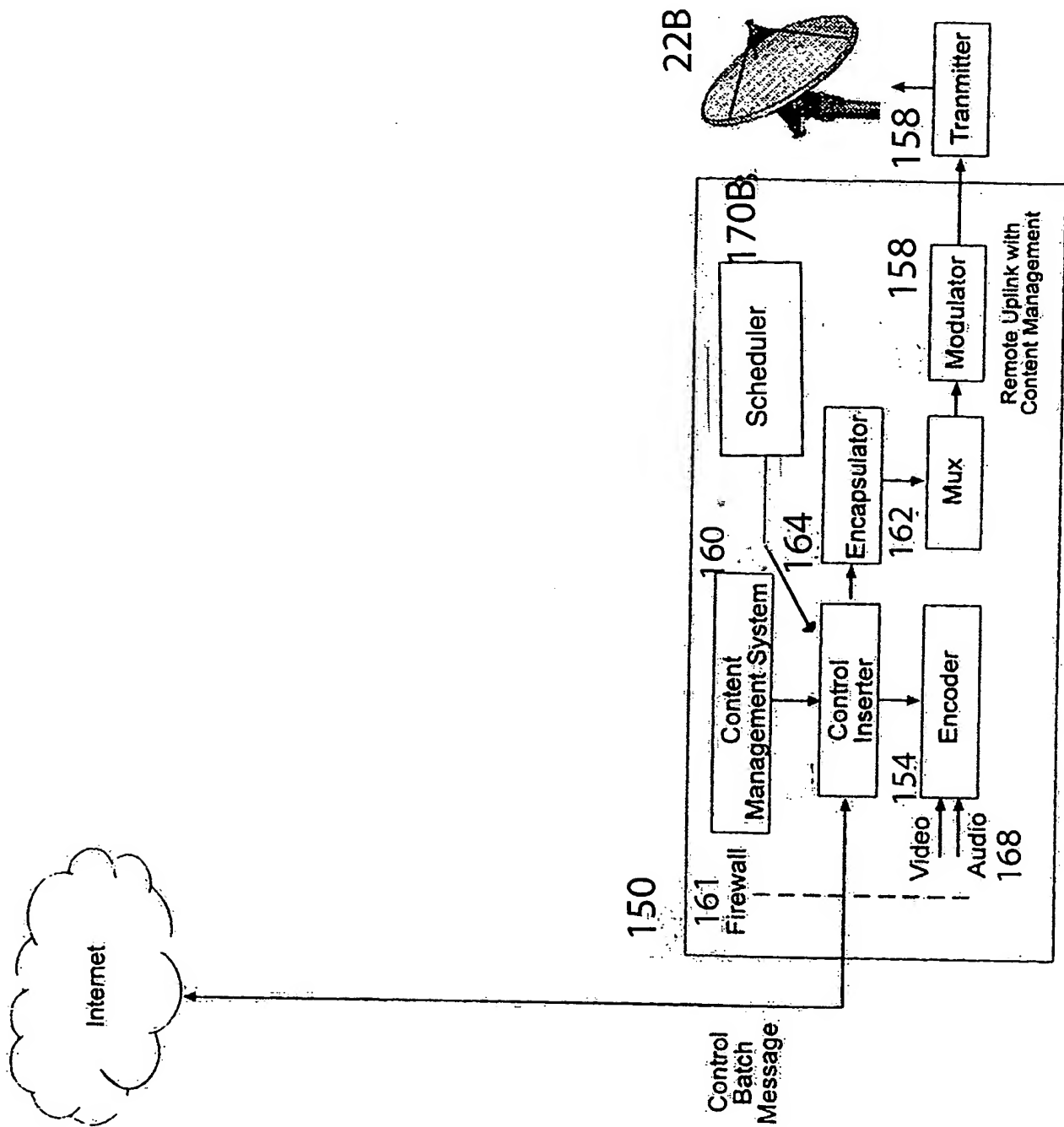


Fig. 7

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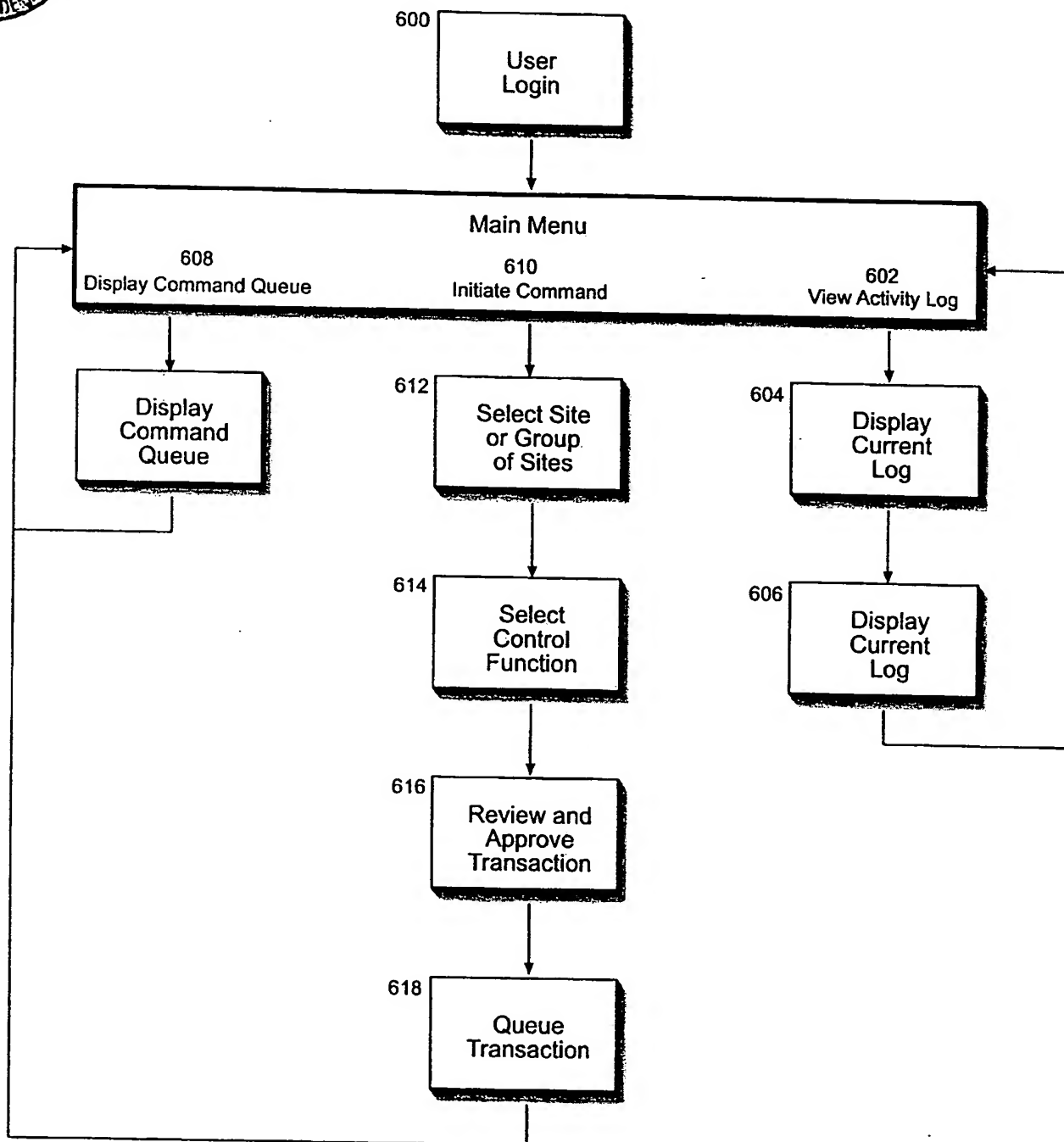


Fig. 8



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File Edit View Favorites Tools Help

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Address <https://22.22.22.22/remote/control.cgi>

Wegener Encompass LE Control System

Main | Log Out | Contact Us

Local Client National Client Media Plan Q&A/Help

Special Notes

Use Search via Database for Client record to locate a client. Cylinders, tank number, account number, etc.

Defect the account you wish to view and click Edit Selecting Client.

Use Search via Database for Client record to locate a client. Cylinders, tank number, account number, etc.

Edit/View Existing Client

Affiliate Logged In: admin

Select existing client to edit. There are 65 in the database.
Pages: 1 2 3 4 5 6 7 [22]

Select	Muzak Acct Number	Serial Number	Client	Store Number	Affiliate	Account Type
<input type="radio"/>	-	104604	Jay	1	Wegener	local
<input type="radio"/>	-109852	103852	20test20	103852	Wegener	national
<input type="radio"/>	-104607	104607	BU test	1	Wegener	local
<input type="radio"/>	-105240	105240	Blue	99	Wegener	national
<input type="radio"/>	-105247	105247	Bruce Streen	2	Wegener	local
<input type="radio"/>	-111101	875634	Howard Johnson		Wegener	national
<input type="radio"/>	-113492	113492		1	Wegener	local
<input type="radio"/>	-113494	113494	Scaggs B Test	Scaggs B Test	Wegener	local
<input type="radio"/>	-113495	113495	Scaggs B Test	Scaggs B Test	Wegener	local
<input type="radio"/>	-113672	113672	Scaggs B Test	Scaggs B Test	Wegener	local

Pages: 1 2 3 4 5 6 7 [22]

Search the database for Client Record.

EDIT SELECTED CLIENT

Fig. 9A



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http://72.22.22.22/destof/control.cgi

Wegener Encompass LE Control System

Main | Log Out | Contact Us

Local Client National Client Modification Q & A Help

Modify Existing Sequence

Affiliate Logged In: admin

Name: 20dest20-00001	
Description:	Sat One - modified
Interval:	10 seconds
Ad 01:	20dest20-00003: A-10
Ad 02:	20dest20-00015: Mr. Payroll
Ad 03:	20dest20-00016: Tuesday
Ad 04:	
Ad 05:	
Ad 06:	
Ad 07:	
Ad 08:	
Ad 09:	
Ad 10:	

SUBMIT

SPECIAL NOTES

You can modify:

- The distribution time sequence
- The interval between the changes
- The selected the messages
- The frequency of the messages

Also you select the default message that you want to be displayed when the system is not receiving any messages for that sequence. For messages you add we can automatically schedule up to 10 additional messages to be displayed that sequence. Please select at least one message to be displayed in the sequence.

Fig. 9B



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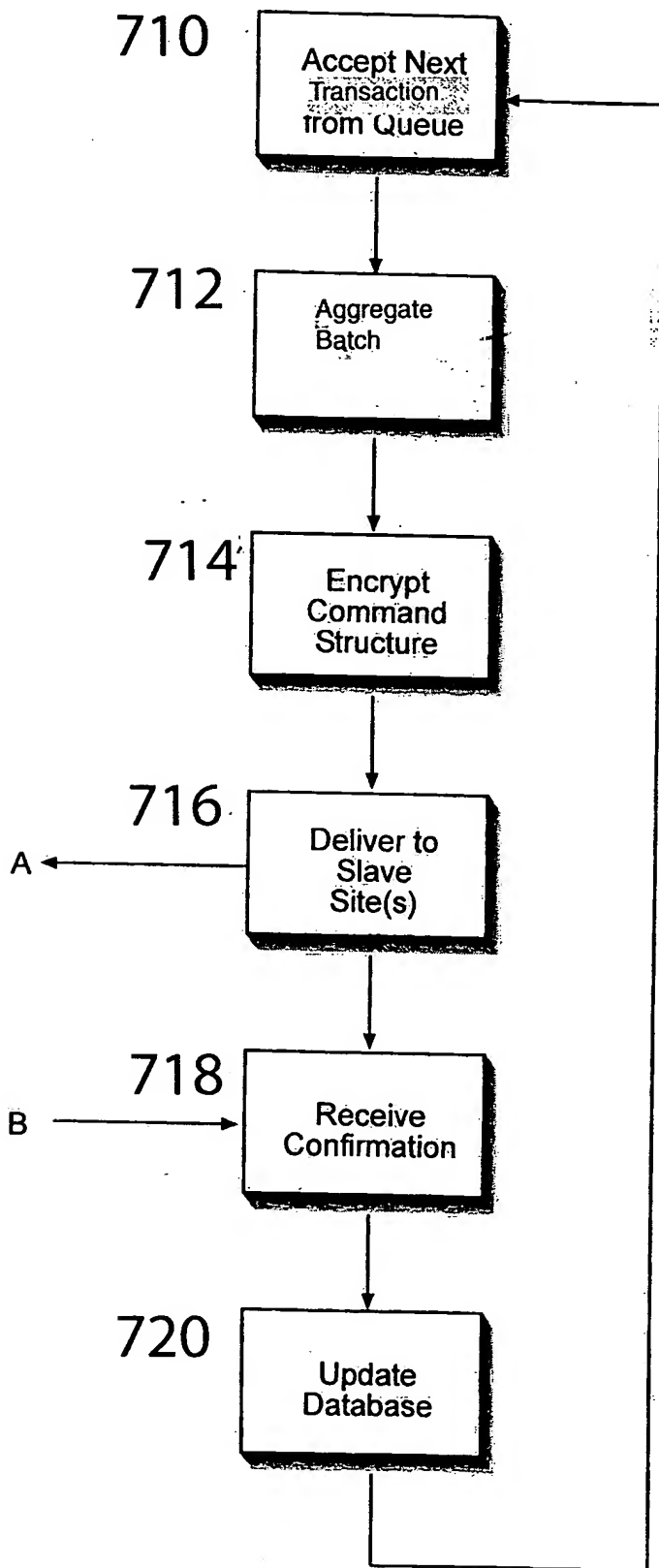


Fig. 10



Process for Aggregating Batch Commands

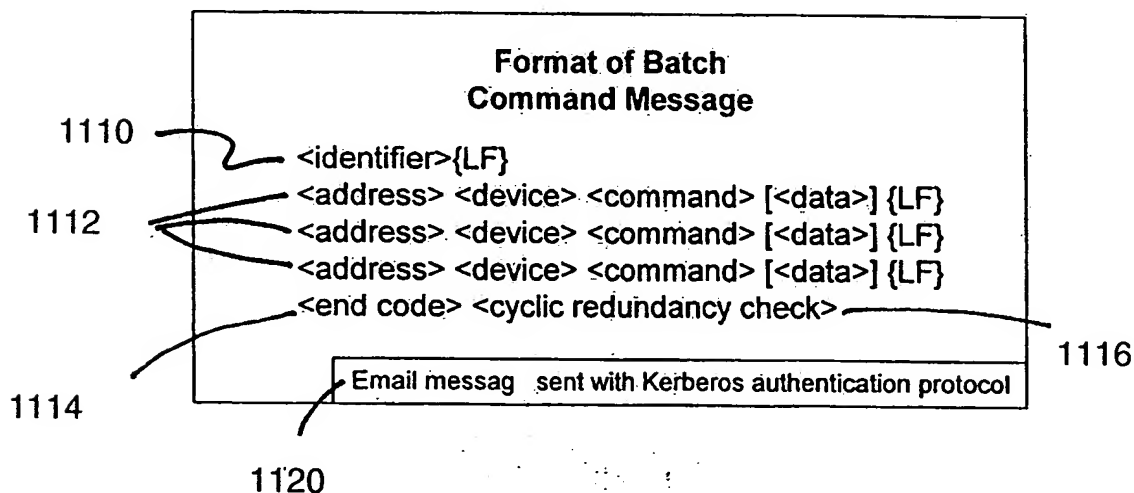
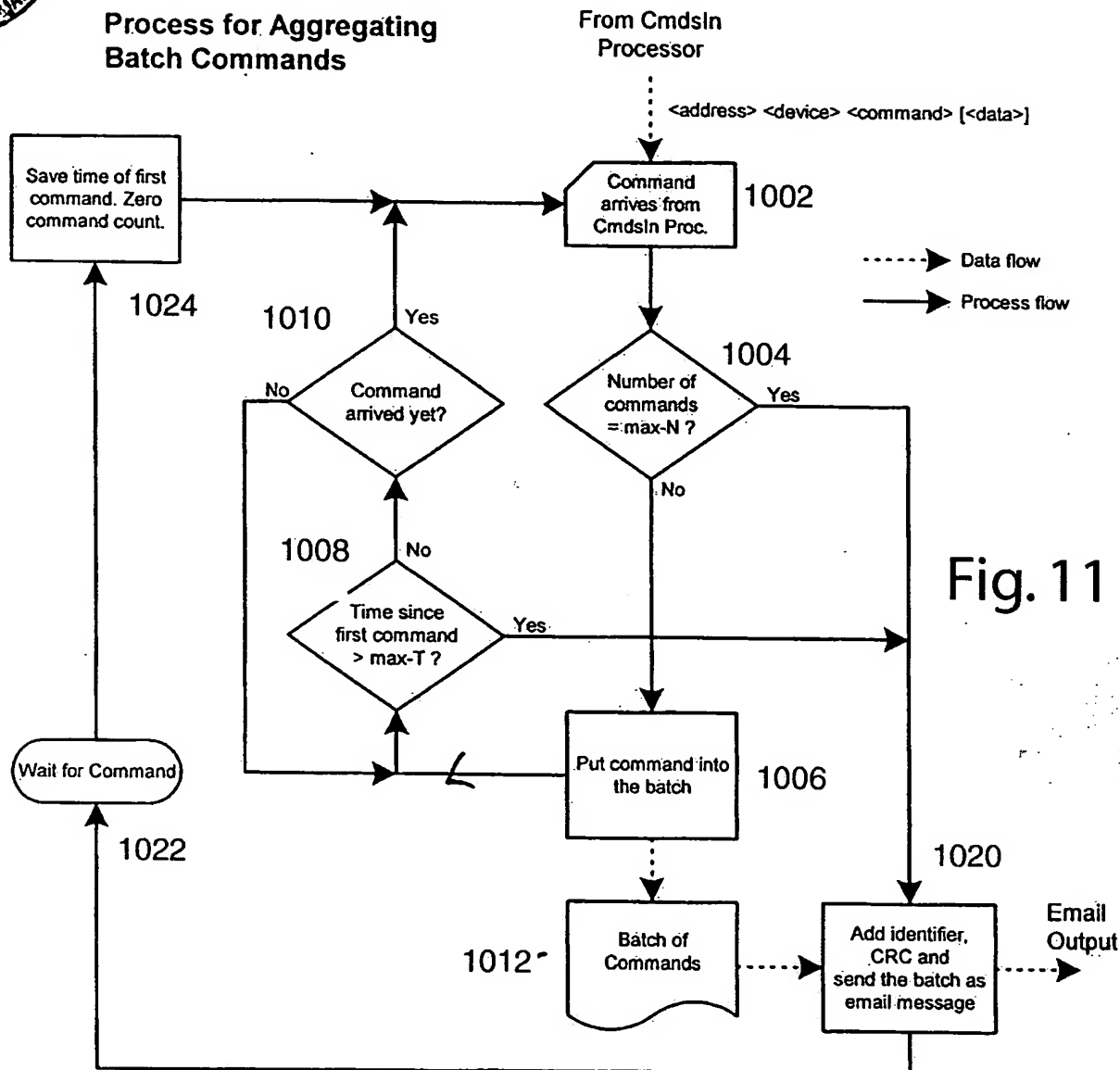


Fig. 12



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Slave System Command Processing

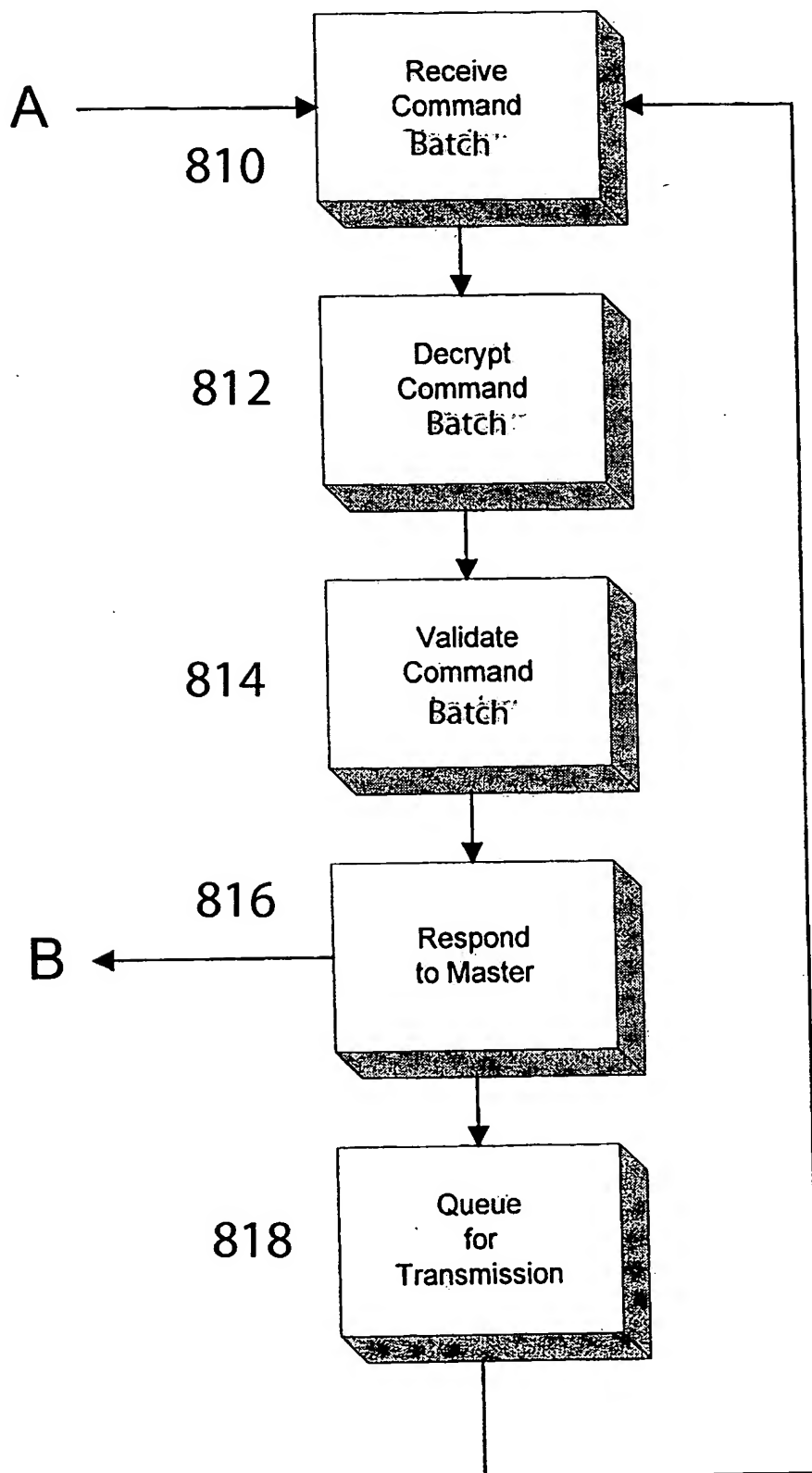


Fig. 13



CmdsIn Format Command
[Address, Device, Command, Data]

Fig. 14

902

Translate Receiver
Address, Device Code
and Command Code

904

Add Sequence
Number and
Calculate/Add Length

Sequence
Counter
(Increment per
Command)

906

908

Calculate/Add
Checksum
Add ID Codes

910

Command Stream Format

WCL_ID	SYSTEM_ID	LEN	SEQ.#	REMOTE_ADDR	CLASS	DEV_ADDR	CMD	DATA	CHKSUM	SEQ.#
4-bytes	4-bytes	2-bytes	1-byte	variable, "ends"	1-byte	2-bytes	1-byte	variable	1-byte	1-byte



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902	WCL_ID 4-bytes	904	SYSTEM_ID 4-bytes	906	LEN 2-bytes	908	SEQ # 1-byte	910	REMOTE_ADDR variable, "" ends	912	CLASS 1-byte	914	DEV_ADDR 2-bytes	916	CMD 1-byte	918	DATA variable	920	CHKSUM 1-byte	922	SEQ # 1-byte
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Fig. 15